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**Wireless communications system**

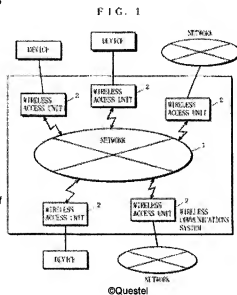
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無線通信システム

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A wireless communications system in which real-time data and burst data can be mixedly transmitted, and a transmission band can be dynamically assigned according to a state of data transmission. A master station has a scheduler for determining transmission band assignment including information about transmission timing of the data, a transmission amount, and a station that is allowed to access. This scheduler regularly carries out scheduling, and optimizes the transmission band to be assigned dynamically according to the communication type of the data and a state of data transmission. The master station gives transmission band assignment determined by the scheduler to each slave station. A transmitting station executes data transmission (access) to a receiving station based on the given transmission band assignment. The receiving station gives information about a state of data receiving to the master station, where the scheduler reflects this on scheduling.

&lt;IMAGE&gt;



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